

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D066-1001 REV. B AND INSTRUCTIONS FOR
CONTINUED AIRWORTHINESS ICA-D066-1001 REV. 0 OR LATER APPROVED REVISION

REF. TCCA STC: SH13-43
REF. FAA STC: SR03370NY
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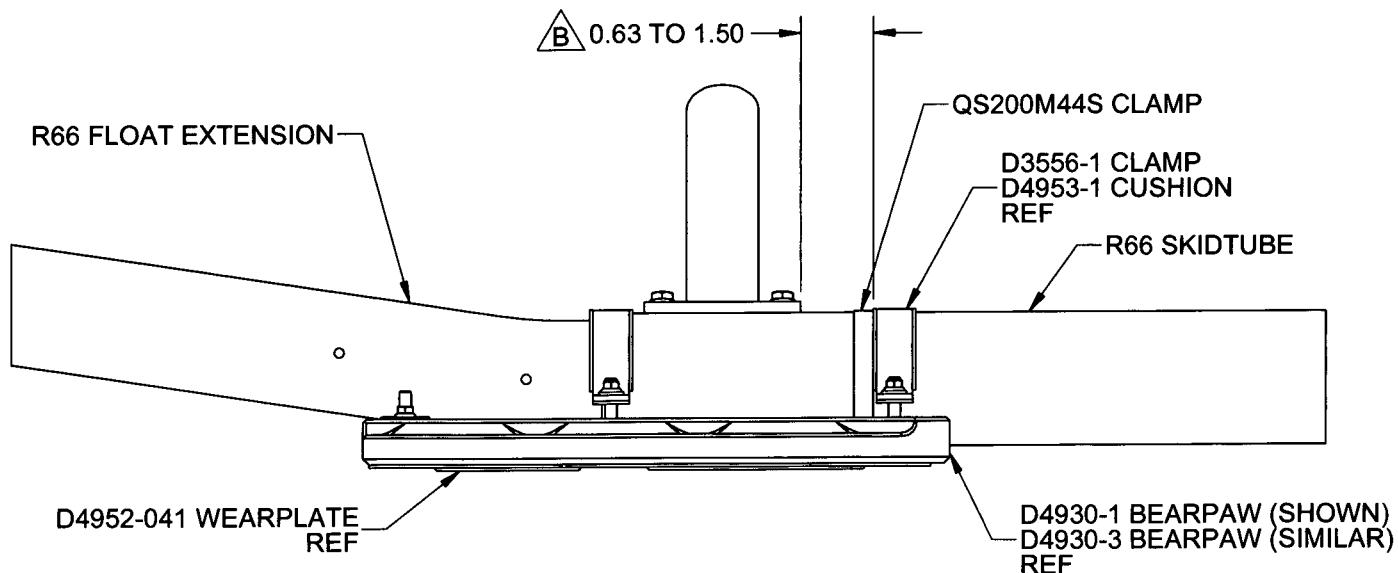
1.0 PURPOSE

The purpose of this Service Instruction is to illustrate how to install the D066-1001-011/-013 Bearpaw kit with the DART R66 Emergency Float Kits (p/n 649.9401 and 649.9402).

2.0 PROCEDURE

It is acceptable to install the D066-1001-011/-013 Bearpaws with the DART R66 Emergency Float Kits using the DSI9720-011 Clamp kit. The Bearpaw should be installed per IIN-D066-1001, except as outlined below:

- 2.1 Install a QS200M44S Clamp on each Skidtube. The forward edge of the clamp should be 0.63" to 1.50" from the forward edge of the saddle as required to clear the ground handling wheels. (B)
- 2.2 Install each bearpaw with the forward clamp ahead of the QS200M44S Clamp per Figure 1 and using the instructions provided in IIN-D066-1001.



**FIGURE 1 - D066-1001-011 Bearpaw Installation with
649.9401/649.9402 Emergency Floats**
(-011 SHOWN, -013 SIMILAR)

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED <i>[Signature]</i>	
BY: D. SHEPHERD (DE # 02)	
DATE: CERT. NO.: ISSUE NO.:	16.02.05 SH13-43 1

B	REVISED ITEM 2.1; 0.63 TO 1.50 WAS 1.50. REVISED PARAGRAPH 3.0. REASON: PAR15-405			MB	16.02.05
A	NEW ISSUE			VS	15.02.24
REV.	DESCRIPTION			BY	DATE
DESIGN	VS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			REV. B SHEET 1 OF 2
DRAWN	MB				
CHECKED	<i>ADS</i>				
MFG. APPR.	N/A				
APPROVED	<i>[Signature]</i>				
DE APPR.	<i>[Signature]</i>				
DATE	16.02.05	TITLE	SCALE BEARPAW INSTALL MOD NTS		
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3.0 WEIGHT AND BALANCE

When the bearpaws are relocated per this Service Instruction for compatibility with Dart Floats (p/n 649.9401/649.9402), the longitudinal arm and moment published in IIN-D066-1001 Rev. B should be updated as follows:

Installation	Weight	Lateral		Longitudinal	
		Arm	Moment	Arm	Moment
D066-1001-011 Bearpaw Installation (Small) (with Floats)	8.3 lb 3.74 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	122.83 in 3.12 m	1019 in-lb 11.7 m-kg
D066-1001-013 Bearpaw Installation (Large) (with Floats)	9.8 lb 4.41 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	123.92 in 3.15 m	1214 in-lb 13.9 m-kg

4.0 PARTS LIST

The following kit can be procured from Dart to make the bearpaws compatible with Dart floats in accordance with this Service Instruction.

Qty -011	Part Number	Description
X	DSI 9720-011	CLAMP KIT
2	QS200M44S	CLAMP

CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
DAO # 01-O-01	
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DESIGN	VS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	MB		
CHECKED		DRAWING NO.	REV. B
MFG. APPR.	N/A	DSI 9720	SHEET 2 OF 2
APPROVED		TITLE	SCALE
DE APPR.		BEARPAW INSTALL MOD	NTS
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